

D. Johnson  
# 8 6-5-96  
IDS w/ Refers  
PATENT

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Docket No. 5634.145

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors: John C. Harvey and James W.  
Cuddihy

Serial No.: 08/447,974

Filing Date: May 23, 1995

For: Signal Processing Apparatus and  
Methods

Group Art Unit: 2602/348

Examiner:

Assistant Commissioner of Patents  
Washington D.C. 20231

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56(a) and in conformance with the procedures of 37 C.F.R. §§ 1.97-98 and M.P.E.P. § 609, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached Form PTO-1449.

The above-referenced application claims priority under 35 U.S.C. § 120 of the following applications:

<u>Serial No.</u>	<u>Filing Date</u>	<u>Patent No.</u>
08/113,329	August 30, 1993	Pending
08/056,501	May 3, 1993	5,335,277
07/849,226	March 10, 1992	5,233,654
07/588,126	September 25, 1990	5,109,414
07/096,096	September 11, 1987	4,965,825

Applicants believe that all references cited on the attached Form PTO-1449 were submitted to the PTO in U.S. Patent Application Serial No. 08/448,143, filed 23 May 1995. Therefore, no copies of the listed references are provided herewith.

Japanese Published Patent Application No. 60-61935 discloses a video recording procedure by which programs selected for recording from a table of programs on a recording card are stored to a memory which actuates a built-in recording timer. An English abstract of the patent is provided with the listed reference.

Japanese Published Patent Application No. 61-50470 discloses a program reserving device of a television receiver encompassing a control circuit displaying content of reservation and a means for supplying plural background pictures to a display pattern of reserved content and changing the background picture to the 1st and 2nd states depending on the state of the reserved input. An English abstract of the patent is provided with the listed reference.

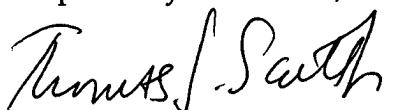
European Patent 0 133 985 discloses an automatic on-off switching device for a video recorder which responds to a label preceding the TV program to be recorded. An English abstract of the patent is provided with the listed reference.

It is respectfully requested that the information above be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

CERTIFICATION AND/OR FEE

Since this IDS is being filed pursuant to 37 C.F.R. § 1.97(b) before the later of three months after the filing date of the above-referenced application or the date of receipt of the first Office Action on the merits, no certification or fee is required.

Respectfully submitted,



Thomas J. Scott, Jr. (Reg. No. 27,836)

Dated: February 5, 1996

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of :  
**John C. Harvey and James W. Cuddihy** : Examiner:  
 Serial No. 08/447,974 : Group Unit: 2602  
 Filed 23-May-95 : Atty Dkt: 5634.145

For **SIGNAL PROCESSING APPARATUS AND METHODS**

COPENDING RELATED U.S. PATENT APPLICATIONS

Assistant Commissioner of Patents  
 Washington, D.C. 20231

Sir:

Listed below are copending U.S. patent applications related to this application.

<u>Application No.</u>	<u>Filing Date</u>	<u>Atty. Dkt.</u>
08/113,329	30-Aug-93	5634.008
08/397,371	2-March-95	5634.017
08/397,582	2-March-95	5634.010
08/397,636	2-March-95	5634.012
08/435,757	9-May-95	5634.036
08/435,758	9-May-95	5634.041
08/437,044	9-May-95	5634.047
08/437,045	9-May-95	5634.042
08/437,629	9-May-95	5634.044
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08/437,791	9-May-95	5634.040
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08/437,864	9-May-95	5634.038
08/437,887	9-May-95	5634.037
08/437,937	9-May-95	5634.048
08/438,011	9-May-95	5634.050
08/438,206	9-May-95	5634.039

08/438,216	9-May-95	5634.046
08/438,659	9-May-95	5634.043
08/439,668	15-May-95	5634.062
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08/440,657	15-May-95	5634.051
08/440,837	15-May-95	5634.059
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08/442,369	16-May-95	5634.055
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08/477,564	7-Jun-95	5634.340
08/477,570	7-Jun-95	5634.335
08/477,660	7-Jun-95	5634.090
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08/478,767	7-Jun-95	5634.316
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08/479,523	7-Jun-95	5634.365
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08/481,074	7-Jun-95	5634.190
08/482,573	7-Jun-95	5634.096
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08/482,857	7-Jun-95	5634.311
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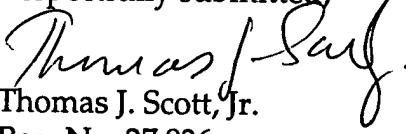
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08/511,491	6-Jun-95	5634.274

**REMARKS**

In accordance with the duty of disclosure under 37 C.F.R. § 1.56(a), Applicants herewith submit a reference to all related copending U.S. Patent Applications now pending before the U.S. Patent and Trademark Office.

Date: December 13, 1995  
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Respectfully submitted,

  
Thomas J. Scott, Jr.  
Reg. No. 27,836  
Attorney for Applicants

<b>Information Disclosure Statement by Applicant</b>  <b>Title: Signal Processing Apparatus and Method</b>	Attorney Docket No. 5634.145	Serial No. 08/447,974
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 23, 1995	Group 2602/348

### U. S. Patent Documents

Examiner Initial	Patent Number	Patent Date	Name	Class / Subclass	Filing Date *
	2,875,270	2/24/59	Wendt et al.	178/5.1	
	3,440,427	4/22/69	Kammer	250/210	
	3,485,946	12/23/69	Jackson et al.	178/6	
	3,500,327	3/10/70	Belcher et al.	340/154	
	3,560,936	2/2/71	Busch	340/172.5	
	3,564,509	2/16/71	Perkins et al.	340/172.5	
	3,696,297	10/3/72	Otero	325/55	
	3,712,956	1/23/73	Lemelson	178/6.6A	
	3,836,888	9/17/74	Boenke et al.	340/172.5	
	3,848,082	11/12/74	Summers	178/5.6	
	3,889,054	6/10/75	Nagel et al.	178/6.8	
	3,936,868	2/3/76	Thorpe	358/22	
	3,982,065	9/21/76	Barnaby et al.	178/5.8	
	3,984,637	10/5/76	Caudill et al.	179/2	
	3,996,583	12/7/76	Hutt et al.	340/324	
	4,016,361	4/5/77	Pandey	358/83	
	4,026,555	5/31/77	Kirschner et al.	273/85	

Examiner	Date Considered
<b>Examiner:</b> Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

<b>Information Disclosure Statement by Applicant</b>  <b>Title: Signal Processing Apparatus and Method</b>	Attorney Docket No. 5634.145	Serial No. 08/447,974
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 23, 1995	Group 2602/348

### U. S. Patent Documents

Examiner Initial	Patent Number	Patent Date	Name	Class / Subclass	Filing Date *
	4,032,972	6/28/77	Saylor	358/142	
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<b>Information Disclosure Statement by Applicant</b>  <b>Title: Signal Processing Apparatus and Method</b>	Attorney Docket No. 5634.145	Serial No. 08/447,974
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 23, 1995	Group 2602/348

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\* - If pertinent

\*\*\* - Claims priority from patent application filed prior to Sept. 11, 1987

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